

**What is claimed is:**

1. A key structure, comprising:
  2. a key cap, having a top surface with a plurality of top edges and a plurality of side surfaces extending from the top edges, each side surface having a bottom edge, the bottom edges forming a bottom surface;
  7. wherein the projection of the top edge on the bottom surface and the bottom edge of the same side surface form a first included angle.
1. 2. The key structure as claimed in claim 1, wherein the first included angle is less than 30° .
1. 3. The key structure as claimed in claim 1, wherein the top surface and the bottom surface of the key cap have a similar geometric figure.
1. 4. The key structure as claimed in claim 1, wherein the top surface is a cambered surface.
1. 5. A keyboard, comprising:
  2. a main body;
  3. a first key group, having a plurality of first keys with a first key cap and a first connection portion, the first keys movably connected to the main body through the first connection portions, each of the first key caps having a first top surface with a plurality of first top edges and a plurality of first side surfaces extending from the first top edges, each of the

14 wherein the projection of each of the first top  
15 edges is inclined clockwise to the first bottom  
16 edge of the same first side surface by an  
17 included angle.

1               6. The keyboard as claimed in claim 5, wherein the  
2 first included angle is less than 30° .

1                   7. The keyboard as claimed in claim 5, further  
2 comprising:

3 a second key group, having a plurality of second  
4 keys with a second key cap and a second  
5 connection portion, the second keys movably  
6 connected to the main body through the second  
7 connection portions, each of the second key  
8 caps having a second top surface with a  
9 plurality of second top edges and a plurality  
10 of second side surfaces extending from the  
11 second top edges, each of the second side  
12 surfaces having a second bottom edge, and the  
13 second bottom edges forming a second bottom  
14 surface; and

15 wherein the projection of each of the second top  
16 edges is inclined counterclockwise to the  
17 second bottom edge of the same second side  
18 surface by the included angle.

1           8. The keyboard as claimed in claim 7, further  
2 comprising:

3           a third key group, having a plurality of third keys  
4           with a third key cap and a third connection  
5           portion, the third keys movably connected to  
6           the main body through the third connection  
7           portions and disposed between the first key  
8           group and the second key group, each of the  
9           third key caps having a third top surface with  
10           a plurality of third top edges and a plurality  
11           of third side surfaces extending from the third  
12           top edges, each of the third side surfaces  
13           having a third bottom edge, and the third  
14           bottom edges forming a third bottom surface;  
15           and

16           wherein the projection of each of the third top  
17           edges on the third bottom surface is parallel  
18           to the third bottom edge of the same third side  
19           surface.

1           9. The keyboard as claimed in claim 8, wherein the  
2           first top surface and the first bottom surface, the  
3           second top surface and the second bottom surface, and the  
4           third top surface and the third bottom surface have  
5           similar geometric figures.

1           10. The key structure as claimed in claim 5,  
2           wherein the first top surface, the second top surface,  
3           and the third top surface are cambered surfaces.

1           11. A keyboard, comprising:

2 a main body;  
3 a first key group, having a plurality of first keys  
4 with a first key cap and a first connection  
5 portion, the first keys movably connected to  
6 the main body through the first connection  
7 portions along a predetermined line, each of  
8 the first key caps having a first top surface  
9 with a first symmetrical axis; and  
10 wherein each of the first symmetrical axes is  
11 inclined to the predetermined line by a first  
12 acute angle.

1 12. The keyboard as claimed in claim 11, further  
2 comprising:

3 a second key group, having a plurality of second  
4 keys with a second key cap and a second  
5 connection portion, the second keys movably  
6 connected to the main body through the second  
7 connection portions along the predetermined  
8 line, each of the second key caps having a  
9 second top surface with a second symmetrical  
10 axes; and  
11 wherein each of the second symmetrical axes is  
12 inclined to the predetermined line by a second  
13 acute angle.

1 13. The keyboard as claimed in claim 12, further  
2 comprising:

3 a third key group, having a plurality of third keys  
4 with a third key cap and a third connection  
5 portion, the third keys movably connected to

6 the main body through the third connection  
7 portions along the predetermined line and  
8 disposed between the first key group and the  
9 second key group; and  
10 wherein each of the third symmetrical axis is  
11 perpendicular to the predetermined line.

1 14. The keyboard as claimed in claim 12, wherein  
2 the first acute angle and the second acute angle are  
3 between 30° and 50° .

1 15. The key structure as claimed in claim 13,  
2 wherein the first top surface, the second top surface,  
3 and the third top surface are cambered surfaces.